AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1   1.   (Currently Amended) A method for providing data representative of at least one

2   characteristic relevant to viability of a product, the method comprising:

3   monitoring and storing data associated with at least one characteristic associated with

4   [[a]] viability ~~state condition~~ of said product;

5   analyzing, by a processor, the data associated with said at least one characteristic;

6   based on said analyzing, the processor predicting at least one <u>dynamically alterable</u> future

7   viability state condition of said product related to said data associated with at least one

8   characteristic; and

9   displaying at least one indicator related to said at least one <u>dynamically alterable</u> future

10   viability state condition, wherein said at least one indicator is in the form of a future date that is

11   adjusted based on the analyzing.

1   2.   (Cancelled)

1   3.   (Currently Amended) The method as set forth in claim 1 wherein said at least one

2   characteristic associated with the <u>at least one dynamically alterable</u> future viability state

3   condition is related to probability of degradation of the product.

1   4.   (Currently Amended) The method as set forth in claim 1 wherein said at least one

2   characteristic associated with the <u>at least one dynamically alterable</u> future viability state

3   condition is related to product maturity.

1   5.   (Currently Amended) The method as set forth in claim 1 wherein said at least one

2   characteristic associated with the <u>at least one dynamically alterable</u> future viability state

3   condition is related to remaining potency of the product.

1   6.   (Currently Amended) A product package comprising:

2   a containment for a product having viability factors;

3   affixed to said containment, a product viability-related conditions monitoring device;

4   [[and]]

5   an analysis device for receiving, for storing, and for analyzing [[said]] measurement data

6   from said monitoring device and for ~~transmitting~~ generating data representative of ~~at least one~~

7   ~~viability factor for~~ a current condition of the product and a predicted date relating to one of the

8   viability factors of the product stored within said containment; and

9   a display to display the data representative of the current condition and the predicted date

10   relating to the one viability factor.

1   7.   (Currently Amended) A monitoring system for monitoring a product having at least one

2   viability characteristic, the system comprising:

3   a resealable containment for holding said product;

4   a data collection device ~~associated with~~ to measure parameters related to viability of said

5   product; and

6   a parameters analysis device for ~~analyzing~~ retrieving at least one rule from a data set of

7   rules and to apply the at least one rule to the measured parameters ~~data~~ from said data collection

8   device and ~~for exhibiting at least one product viability conclusion based on said data~~ for

9   adjusting a dynamically alterable critical date relating to the product according to applying the at

10   least one rule to the measured parameterss, wherein the dynamically alterable critical date

11   comprises one of a dynamically alterable maturity date and a dynamically alterable expiration

12   date.

1   8.   (Original) The system as set forth in claim 7 wherein said data collection device is

2   configured for attachment to said resealable containment.

1   9.   (Currently Amended) The system as set forth in claim 7 further comprising:

2   a display [[is]] integrated with an environmental control chamber, wherein [[and]] said

3   data collection device is releasably connected to said display.

1   10.   (Original) The system as set forth in claim 7 wherein said data collection device is

2   resettable.

1   11.   (Currently Amended) Apparatus for predicting and displaying critical time-related

2   information for a product having at least one viability factor, the apparatus comprising:

3   associated with the product, means for obtaining measurements pertinent to viability;

4   associated with the means for obtaining measurements pertinent to viability, means for

5   calculating at least one time-related characteristic for the product, wherein the at least one

6   time-related characteristic comprises at least one of a maturity date and an expiration date; and

7   associated with the means for calculating, means for displaying said at least one of the

8   maturity date and expiration date time-related characteristic.

1   12. – 13. (Cancelled)

1   14.   (Original) The apparatus as set forth in claim 11 further comprising:

2   means for establishing a remote telecommunications link between said means for

3   obtaining and said means for calculating.

1   15.   (Currently Amended) The apparatus as set forth in claim 11 further comprising:

2   associated with said means for calculating, means for providing rules related to

3   calculating the at least one time-related characteristic for the product.

1   16. – 17. (Cancelled)

1   18.   (Currently Amended) The apparatus as set forth in claim 11 wherein said critical at least

2   one time-related information characteristic is based upon a recorded history of handling and

3   environmental conditions which substantively affect the product.

1   19.   (Cancelled)

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1   20.   (Currently Amended) ~~The apparatus as set forth in claim 11 further comprising:~~

2   <u>Apparatus for predicting and displaying critical time-related information for a product having at</u>

3   <u>least one viability factor, the apparatus comprising:</u>

4   <u>associated with the product, means for obtaining measurements pertinent to viability;</u>

5   <u>associated with the means for obtaining measurements pertinent to viability, means for</u>

6   <u>calculating at least one time-related characteristic for the product;</u>

7   <u>associated with the means for calculating, means for displaying said at least one time-</u>

8   <u>related characteristic; and</u>

9   means for transmitting data related to said <u>at least one</u> viability <u>factor</u> from a first means

10   for calculating a time frame related to critical condition data of the product associated with a first

11   containment to a second means for calculating a time frame related to critical condition data of

12   the product associated with a second containment for said product.

1   21.   (Original) The apparatus as set forth in claim 11 further comprising:

2   means for calculating and displaying both current status estimates and measurement

3   histories of said product.

1   22.   (Currently Amended) A system for providing a dynamic ~~viability data~~ <u>critical date</u> for a

2   product having at least one viability factor, the system comprising:

3   at least one monitoring device wherein at least one specific critical condition factor

4   associated with maturation and degradation of the product is monitored;

5   at least one storing device wherein data related to said maturation and degradation is

6   stored;

7   associated with said <u>at least one</u> monitoring device and said <u>at least one</u> storing device, at

8   least one data processing device ~~wherein~~ <u>to analyze</u> said data ~~is analyzed and said dynamic~~

9   ~~viability data is calculated~~ <u>related to said maturation and degradation and to adjust the critical</u>

10   <u>date according to the data related to said maturation and degradation, the critical date comprising</u>

11   <u>at least one of a maturity date and an expiration date</u>; and

12   associated with said <u>at least one</u> data processing device, at least one displaying device

13   wherein said ~~dynamic viability data~~ <u>critical date</u> is displayed.

1   23.   (Cancelled)

1   24.   (Currently Amended) The system as set forth in claim 22 further comprising:

2   associated with the <u>at least one</u> data processing device and the <u>at least one</u> monitoring

3   device, at least one telecommunications device for the data processing device to receive ~~input~~ <u>the</u>

4   data related to said <u>maturation and degradation</u> ~~product viability~~ from the monitoring device.

1   25.   (Currently Amended) A method for predicting and displaying information regarding

2   viability of an item, the method comprising:

3   ~~associating~~ <u>storing</u> a time-based history of environmental data and handling data of the

4   item;

5   substantially continuously compiling the time-based history;

6   based on the time-based history and at least one rule associated with viability of the item,

7   substantially continuously calculating at least one ~~time-reference~~ <u>critical date</u> associated with the

8   viability<u>, the critical date comprising at least one of a maturity date and an expiration date</u>; and

9   substantially continuously displaying said at least one ~~time-reference~~ <u>critical date</u>.

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1   26.   (Cancelled)

1   27.   (New) The method of claim 1, further comprising displaying a time-based history of

2   measurements relating to the at least one characteristic.

1   28.   (New) The method of claim 1, wherein the analyzing is performed by the processor on

2   board a monitoring device, and the method further comprising selecting at least one rule from a

3   data set of rules stored in one of (1) a memory on board the monitoring device, and (2) a remote

4   location,

5   wherein analyzing the data associated with said at least one characteristic comprises

6   applying the at least one rule to the data associated with said at least one characteristic.

1   29.   (New) The method of claim 1, further comprising classifying the product based on

2   identifying the product by performing one of bar code reading, magnetic stripe reading, RFID

3   reading, and optical character recognition,

4   the method further comprising selecting at least one rule from a data set of rules based on

5   the classifying,

6   wherein analyzing the data associated with said at least one characteristic comprises

7   applying the at least one rule to the data associated with said at least one characteristic.

1   30.   (New) The method of claim 1, wherein the monitoring, storing, and analyzing are

2   performed by a first monitoring device associated with a container that stores the product along

3   with other products, the method further comprising transmitting the data associated with the at

4   least one characteristic from the first monitoring device to an individual monitoring device

5   associated with each of the products.

1   31.   (New) The product package of claim 6, further comprising a control panel to enable a

2   user to change the display.

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1   32.   (New) The product package of claim 6, wherein the predicted date relating to the one of

2   the viability factors comprises the predicted date regarding a maturity of the product.

1   33.   (New) The system of claim 7, further comprising a display to display the critical date

2   and to display historical measurement data.

1   34.   (New) The system of claim 7, the parameters analysis device to classify the product

2   based on identification of the product according to performing one of bar code reading, magnetic

3   stripe reading, RFID reading, and optical character recognition, and wherein the at least one rule

4   is selected based on the classifying.

1   35.   (New) The system of claim 22, wherein said at least one data processing device retrieves

2   a selected at least one rule from a data set of rules stored at a remote storage location, and

3   wherein said at least one data processing device applies the at least one rule to the data related to

4   said maturation and degradation.